



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TC 1700

In re patent application of

S. Scheinberg

Serial No. : 09/558,393

Group Art Unit: 1731

Filed: April 25, 2000

Examiner: Halpern, Mark

For: WETLAY PROCESS FOR MANUFACTURING OF HIGHLY  
ORIENTED FIBROUS MATS

Box Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

This responds to the Office Action mailed February 5, 2003. A Petition for Extension of Time of two months is submitted herewith, extending the due date from May 5 to July 5, 2003.

Please amend the above-identified patent application as follows:

**IN THE CLAIMS:**

The claims presented for examination are as follows:

- 1 36. (Currently Amended) A mat comprising
- 2 a plurality of discontinuous reinforcement fibers, wherein the
- 3 reinforcement fibers have at least a 9 to 1 machine to cross direction mat strength
- 4 ratio, and
- 5 a thermoplastic component selected from the group consisting of
- 6 polyethylene, polypropylene, polyethylene terephthalate (PET), polyamides,
- 7 polyethylene naphthalate (PEN), polyetheretherketone (PEEK) and
- 8 polyetherketoneketone (PEKK),
- 9 wherein concentration of reinforcement fiber components to thermoplastic
- 10 components is in a range of 60-70% by weight of reinforcement fibers to 40-30%